

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA**

M.TECH I SEMESTER (R19 REGULATION) II MID EXAMINATIONS – JANUARY, 2020

T I M E T A B L E

TIME: 10:00 AM TO 12:00 NOON

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
Civil Transportation Engineering (22)	Advanced Highway Engineering (M2201)	Advanced Traffic Engineering (M2202)	Elective-I Bridge Engineering (M2203) Elective-I Project Management (M2204) Elective-I Ground Improvement Technique (M2205)	Elective-II GIS for Transportation (M2206) Elective-II Pavement Management System (M2207) Elective-II Transportation Modeling and Simulation (M2208)	Research Methodology and IPR (M0109)
Civil Structural Engineering/Stru ctural Design (87)/(85)	Theory of Elasticity (M8701)	Structural Dynamics (M8702)	Elective-I Matrix Analysis of Structures (M8703) Elective-I Analytical & Numerical Methods for Structural Engineering (M8704) Elective-I Design of Reinforced Concrete Foundations (M8705)	Elective-II Bridge Engineering (M8706) Elective-II Repair and Rehabilitation of Structures (M8707) Elective-II Advanced Reinforced Concrete Design (M8708)	Advanced Concrete Technology (M8709)

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p align="center">Civil Computer Aided Structural Analysis and Design</p> <p align="center">(35)</p>	<p align="center">Theory of Elasticity (M8701)</p>	<p align="center">C++ and Data Structures (M3501)</p>	<p align="center">Elective-I Matrix Analysis of Structures (M8703)</p> <p align="center">Elective-I Analytical & Numerical Methods for Structural Engineering (M8704)</p> <p align="center">Elective-I Structural Dynamics (M8702)</p>	<p align="center">Elective-II Modeling, Simulation and Computer Applications (M3502)</p> <p align="center">Elective-II Repair and Rehabilitation of Structures (M8707)</p> <p align="center">Elective-II Advanced Reinforced Concrete Design (M8708)</p>	<p align="center">Advanced Concrete Technology (M8709)</p>
<p align="center">Civil Soil Mechanics & Foundation Engineering / Geo-Technical Engineering</p> <p align="center">(19)/(20)</p>	<p align="center">Advanced Soil Mechanics (M2001)</p>	<p align="center">Soil Investigation/Soil Exploration (M2002)</p>	<p align="center">Elective-I Ground Improvement Techniques (M2003)</p> <p align="center">Elective-I Soil-Foundation Interaction. (M2004)</p> <p align="center">Elective-I Critical State Soil Mechanics (M2005)</p>	<p align="center">Elective-II Design with Geo-synthetics (M2006)</p> <p align="center">Elective-II Rock Mechanics (M2007)</p> <p align="center">Elective-II Remote Sensing and Geographical Information Systems (M2008)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

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Civil Highway Engineering (23)	Highway Infrastructure Design (M2301)	Advanced Traffic Engineering (M2202)	Elective – I Applied Statistics (M2302) Elective – I Project Management (M2204) Elective – I Bridge Engineering (M2203)	Elective – II Remote Sensing & Global Positioning Systems (M2303) Elective – II Engineering of Ground (M2304) Elective – II Advanced Concrete Technology (M2305)	Research Methodology and IPR (M0109)
Civil Environmental Engineering (86)	Advanced Numerical Methods and Applied Statistics (M8601)	Industrial Water and Wastewater Management (M8602)	Elective – I Unit Operations and Processes in Water and Wastewater Treatment (M8603) Elective – I Environmental Hydrology and Hydraulics (M8604) Elective – I Remote Sensing and GIS Applications in Environmental Engineering (M8605)	Elective – II Environmental Chemistry and Microbiology (M8606) Elective – II Urban Storm water Management (M8607) Elective – II Environmental Legislations and Management Systems (M8608)	Research Methodology and IPR (M0109)

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Date: 07-01-2020


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BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
CSE Computer Science (05)	Mathematical Foundations of Computer Science (M0501)	Advanced Data Structures (M0502)	Elective – I Advanced Operating Systems (M5805) Elective – I Advanced Computer Architecture (M0503) Elective – I Parallel Computing (M0504)	Elective – II Advanced Data Bases (M0505) Elective – II Advanced Computer Networks (M0506) Elective – II Object Oriented Software Engineering (M0507)	Research Methodology and IPR (M0109)
CSE Software Engineering (25)	Software Engineering (M2501)	Advanced Data Structures (M5802)	Elective – I Software Project and Process Management (M2502) Elective – I Machine Learning (M6902) Elective – I E-Commerce (M2503)	Elective – II Software Quality Assurance and Testing (M2504) Elective – II Cloud Computing (M2505) Elective – II Internet of Things (M2506)	Research Methodology and IPR (M0109)

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p align="center">CSE Cyber Security (26)</p>	<p align="center">Principles of Cyber Security (M2601)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center">Elective – I Cryptanalysis (M2602)</p> <p align="center">Elective – I Cyber Crime Investigation & Digital Forensics (M2603)</p> <p align="center">Elective – I Operating System Security (M2604)</p> <p align="center">Elective – I Firewall and VPN Security (M2605)</p>	<p align="center">Elective – II Database and Web Application Security (M2606)</p> <p align="center">Elective – II Secure Software Design and Development (M2607)</p> <p align="center">Elective – II Wireless Network Security (M2608)</p> <p align="center">Elective – II Cyberspace Operations and Design (M2609)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center">CSE Information Technology (40)</p>	<p align="center">Discrete Mathematical Structures (M4001)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center">Elective – I Parallel Computer Architecture (M5911)</p> <p align="center">Elective – I Optimization Techniques (M5906)</p> <p align="center">Elective – I Artificial Intelligence (M5902)</p> <p align="center">Elective – I Service Oriented Architecture and Web Security (M4002)</p> <p align="center">Elective – I Internet of Things (M5807)</p>	<p align="center">Elective – II Imaging and Multimedia Systems (M4005)</p> <p align="center">Elective – II Big Data Analytics (M5907)</p> <p align="center">Elective – II Principles of Cryptography (M4003)</p> <p align="center">Elective – II Cluster and Grid Computing (M4004)</p> <p align="center">Elective – II Advanced Graph Theory (M4006)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p align="center">CSE Neural Networks (69)</p>	<p align="center">Artificial Neural Networks (M6901)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center">Elective – I Machine Learning (M6902)</p> <p align="center">Elective – I Intelligent Systems (M6903)</p> <p align="center">Elective – I Expert Systems (M6904)</p>	<p align="center">Elective – II Data Warehousing and Datamining (M6905)</p> <p align="center">Elective – II Recommender Systems (M6906)</p> <p align="center">Elective – II Pattern Recognition (M6907)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center">CSE Computer Networks & Information Security (84)</p>	<p align="center">Transport Control Protocol/Internet Protocol (M8401)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center">Elective – I Advanced Computer Networks (M8403)</p> <p align="center">Elective – I Distributed Systems (M8404)</p> <p align="center">Elective – I Intrusion Detection & Prevention Systems (M8405)</p>	<p align="center">Elective – II Data Storage Technologies and Networks (M8406)</p> <p align="center">Elective – II Wireless Sensor Networks (M8407)</p> <p align="center">Elective – II Network Programming (M8408)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p align="center">CSE Computer Science & Technology (59)</p>	<p align="center">Mathematical Foundations of Computer Science (M5901)</p>	<p align="center">Advanced Data Structures (M8402)</p>	<p align="center">Elective – I Artificial Intelligence (M5902)</p> <p align="center">Elective – I Cloud Computing (M5903)</p> <p align="center">Elective – I Digital Image Processing (M5904)</p> <p align="center">Elective – I Advanced Operating Systems (M5905)</p> <p align="center">Elective – I Optimization Techniques (M5906)</p>	<p align="center">Elective – II Big Data Analytics (M5907)</p> <p align="center">Elective – II Applied Cryptography (M5908)</p> <p align="center">Elective – II Advanced Computer Networks (M5909)</p> <p align="center">Elective – II Embedded Computing (M5910)</p> <p align="center">Elective – II Parallel Computer Architecture (M5911)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center">CSE Computer Science & Engineering (58)</p>	<p align="center">Mathematical Foundations of Computer Science (M5801)</p>	<p align="center">Advanced Data Structures & Algorithms (M5802)</p>	<p align="center">Elective – I Big Data Analytics (M5803)</p> <p align="center">Elective – I Digital Image Processing (M5804)</p> <p align="center">Elective – I Advanced Operating Systems (M5805)</p>	<p align="center">Elective – II Advanced Computer Networks (M5806)</p> <p align="center">Elective – II Internet of Things (M5807)</p> <p align="center">Elective – II Object oriented Software Engineering (M5808)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
CSE Computer Networks (94)	Transport Control Protocol/Internet Protocol (M8401)	Advanced Data Structures (M8402)	Elective – I Software Defined Networks (M9401) Elective – I Network Coding Theory (M9402) Elective – I Adhoc & Sensor Networks (M9403)	Elective – II Distributed Systems (M8404) Elective – II Grid and Cluster Computing (M9404) Elective – II Wireless Networks (M9405)	Research Methodology and IPR (M0109)
CSE Data Science (88)	Data Predictive Analytics (M8801)	Data Science Applications with Python (M8802)	Elective – I Advanced Graph Theory (M4006) Elective – I Data Warehousing (M8803) Elective – I Artificial Intelligence (M8804)	Elective – II Internet of Things (M2506) Elective – II Social Network and Semantic Web (M8805) Elective – II Big Data Analytics (M5803)	Research Methodology and IPR (M0109)

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Mechanical Thermal Engineering (21)	Advanced Fluid Mechanics (M2101)	Computational Fluid Dynamics (M2102)	Elective-I Advanced IC Engines, Electric and Hybrid vehicles (M2103) Elective-I Cryogenic Engineering (M2105) Elective-I Advanced Thermodynamics (M2106) Elective-I GAS Dynamics (M2104)	(M2103) Elective-II Energy Conservation and management (M2109) Elective-II Gas Turbines (M2107) Elective-II Alternative Fuels Technologies (M2108) Elective-II Theory and Technology of Fuel Cells (M2110)	Research Methodology and IPR (M0109)
Mechanical Thermal Sciences and Energy Systems (18)	Advanced Heat Transfer (M1801)	Computational Fluid Dynamics (M2102)	Elective – I Advanced Thermodynamics (M2106) Elective – I Advanced IC Engine, Electric and Hybrid vehicles (M2103) Elective – I Refrigeration & Cryogenics (M1802) Elective – I Thermal & Nuclear Power Plants (M1803)	Elective – II Advanced Fluid Mechanics (M2101) Elective – II Thermal Measurements and Process Controls (M1804) Elective – II Gas Turbines and Jet Propulsion (M1805) Elective – II Alternative Fuel Technologies (M2108)	Research Methodology and IPR (M0109)

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p>Mechanical</p> <p>Machine Drawing/Mechanical Engineering Design</p> <p>(15)/(14)</p>	<p>Advanced Mechanics of Solids (M1501)</p>	<p>Mechanical Vibrations and Acoustics (M1502)</p>	<p>Elective-I Design of Modern Vehicle Systems (M1503)</p> <p>Elective-I Product Design (M1504)</p> <p>Elective-I Geometric Modeling (M1505)</p> <p>Elective-I Fracture Mechanics (M1506)</p> <p>Elective-I Advanced Mechanisms (M1507)</p>	<p>Elective-II Non-Destructive Evaluation (M1508)</p> <p>Elective-II Robotics (M1509)</p> <p>Elective-II Reliability Engineering (M1401)</p> <p>Elective-II Design for Manufacturing & Assembly (M1303)</p> <p>Elective-II Multi Body Dynamics (M1510)</p>	<p>Research Methodology and IPR (M0109)</p>
<p>Mechanical</p> <p>CAD/CAM</p> <p>(04)</p>	<p>Geometric Modeling (M0901)</p>	<p>Computer Aided Manufacturing (M0902)</p>	<p>Elective-I Materials Technology (M1307)</p> <p>Elective-I Computational Methods In Engineering (M0903)</p> <p>Elective-I Mechanical Vibrations (M0904)</p>	<p>Elective-II Mechatronics (M0905)</p> <p>Elective-II Simulation of Manufacturing Systems (M0907)</p> <p>Elective-II Industrial Robotics (M0906)</p>	<p>Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p align="center">Mechanical</p> <p align="center">Advanced Manufacturing Systems</p> <p align="center">(17)</p>	<p align="center">Automation in Manufacturing (M1301)</p>	<p align="center">Advanced Manufacturing Processes (M1701)</p>	<p align="center">Elective-I</p> <p align="center">Design for Manufacturing and Assembly (M1303)</p> <p align="center">Elective-I</p> <p align="center">Quality Engineering in Manufacturing (M1304)</p> <p align="center">Elective-I</p> <p align="center">Total Quality Management (M1305)</p>	<p align="center">Elective-II</p> <p align="center">Optimization and Reliability (M1306)</p> <p align="center">Elective-II</p> <p align="center">Materials Technology (M1307)</p> <p align="center">Elective-II</p> <p align="center">Precision Engineering (M1308)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center">Computer Aided Design & Manufacturing</p> <p align="center">(09)</p>	<p align="center">Geometric Modeling (M0901)</p>	<p align="center">Computer Aided Manufacturing (M0902)</p>	<p align="center">Elective-I</p> <p align="center">Computational Methods In Engineering (M0903)</p> <p align="center">Elective-I</p> <p align="center">Mechanical Vibrations (M0904)</p> <p align="center">Elective-I</p> <p align="center">Materials Technology (M1307)</p>	<p align="center">Elective-II</p> <p align="center">Mechatronics (M0905)</p> <p align="center">Elective-II</p> <p align="center">Simulation of Manufacturing Systems (M0907)</p> <p align="center">Elective-II</p> <p align="center">Industrial Robotics (M0906)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
Mechanical Advanced Manufacturing and Mechanical System Design (13)	Automation in Manufacturing (M1301)	Advanced Manufacturing Processes-I (M1302)	Elective – I Design for Manufacturing and Assembly (M1303) Elective – I Quality Engineering in Manufacturing (M1304) Elective – I Total Quality Management (M1305)	Elective – II Optimization and Reliability (M1306) Materials Technology (M1307) Precision Engineering (M1308)	Research Methodology and IPR (M0109)
Automobile Engineering (AA)	Automotive Engineering (MAA01)	Computational Fluid Dynamics (M2102)	Elective I Combustion and Emission Control (MAA02) Elective I Analysis and Synthesis of mechanisms (MAA03) Elective I Computer Aided Design (MAA04) Elective I Automotive Classis Design (MAA05)	Elective II Fluid Power Systems (MAA07) Elective II Design of Transmission Systems (MAA08) Elective II Automotive Aerodynamics (MAA09) Elective – II Advanced IC Engine, Electric and Hybrid Vehicles (M2103) Elective II Automotive Electronics (MAA06)	Research Methodology and IPR (M0109)

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Mechanical Computer Aided Analysis & Design (16)	Advanced Mechanics of Solids (M1501)	Finite Element Analysis (M1601)	Elective I Mechanical Vibrations (M0904) Elective I Experimental Stress Analysis (M1602) Elective I Product Design (M1603)	Elective II Non Destructive Evaluation (M1508) Elective II Geometric Modelling (M1604) Elective II Computational Methods in Engineering (M0903)	Research Methodology and IPR (M0109)
Mechanical Mining Engineering (BB)	Advanced Rock Mechanics and Ground Control (MBB01)	Mine Planning and Design (MBB02)	Elective I Ground Improvement Techniques (MBB03) Elective I Tunneling and Underground Space Technology (MBB04) Elective I Modern Surveying Techniques (MBB05)	Elective II Instrumentation In Mining (MBB06) Elective II Introduction to Robotics and Application to Mining (MBB07) Elective II Remote Sensing & Geographical Information Systems (MBB08)	Research Methodology and IPR (M0109)

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ECE VLSI&EMBEDED SYSTEMS/ EMBEDED SYSTEM & VLSI /VLSID&ES/ES&VLSID (68,48,77,81)	Microcontroller s and Programmable Digital Signal Processors (M5502)	RTL Simulation and Synthesis with PLDs (M6801)	Elective-I VLSI Signal Processing (M5505) Elective-I Digital Signal and Image Processing (M5503) Elective-I Parallel Processing (M5504)	Elective-II Programming Languages for Embedded Systems (M5506) Elective-II System Design with Embedded Linux (M5507) Elective-II CAD of Digital System (M5508)	Research Methodology and IPR (M0109)
ECE VLSI/ VLSI Design/ VLSI System Design/ VLSI & Micro Electronics (57,72,61,76)	CMOS Analog IC Design (M5701)	CMOS Digital IC Design (M5702)	Elective-I VLSI Technology (M5703) Elective-I Nano Materials and Nano Technology (M5704) Elective-I MEMS Technology (M5705)	Elective-II Device Modeling (M5706) Elective-II Nano- Electronics (M5707) Elective-II Photonics (M5708)	Research Methodology and IPR (M0109)

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
ECE Communication Engineering & Signal Processing/ Communication & Signal Processing (46,80)	Digital Image and Video processing (M4602)	Advanced Digital Signal Processing (M4601)	Elective-I DSP Architectures (M4603) Elective-I Statistical Signal Processing (M4604) Elective-I Cognitive Radio (M4605)	Elective-II Adaptive Signal Processing (M4606) Elective-II Digital Data Communications (M4607) Elective-II Coding Theory and Applications (M4608)	Research Methodology and IPR (M0109)
ECE Embedded Systems (55)	Microcontroller s and Programmable Digital Signal Processors (M5502)	Embedded System Design (M5501)	Elective-I VLSI Signal Processing (M5505) Elective-I Digital Signal and Image Processing (M5503) Elective-I Parallel Processing (M5504)	Elective-II Programming Languages for Embedded Systems (M5506) Elective-II System Design with Embedded Linux (M5507) Elective-II CAD of Digital System (M5508)	Research Methodology and IPR (M0109)
ECE Digital Systems & Computer Electronics (DSCE) (06)	VLSI Technology and Design (M3703)	Digital Data Communications (M4607)	Elective-I Wireless Communications and Networks (M0601) Elective-I Digital System Design (M3701) Elective-I Internet Protocols (M0602)	Elective-II Image and Video Processing (M4602) Elective-II Software Defined Radio (M0603) Elective-II Network Security and Cryptography (M4707)	Research Methodology and IPR (M0109)

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p align="center">ECE Digital Electronics & Communication Engineering/Digital Electronics And Communication Systems/ Electronics & Communication Engineering (37,38,70)</p>	<p align="center">Digital Data Communications (M4607)</p>	<p align="center">Digital System Design (M3701)</p>	<p align="center">Elective-I Transform Techniques (M3702)</p> <p align="center">Elective-I VLSI Technology and Design (M3703)</p> <p align="center">Elective-I Radar Signal Processing (M4702)</p>	<p align="center">Elective-II Statistical Signal Processing (M3704)</p> <p align="center">Elective-II Network Security and Cryptography (M4707)</p> <p align="center">Elective-II Optical Communication Technology (M3705)</p>	<p align="center">Research Methodology and IPR (M0109)</p>
<p align="center">ECE Communication Systems (47)</p>	<p align="center">Digital Data Communications (M4607)</p>	<p align="center">Advanced Digital Signal Processing (M4701)</p>	<p align="center">Elective-I Radar Signal Processing (M4702)</p> <p align="center">Elective-I RF Circuit Design (M4703)</p> <p align="center">Elective-I Advanced Computer Networks (M4704)</p>	<p align="center">Elective-II Wireless LANs & PANS (M4705)</p> <p align="center">Elective-II Mobile Computing Technologies (M4706)</p> <p align="center">Elective-II Network Security and Cryptography (M4707)</p>	<p align="center">Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
ECE System Signal Processing/Digital Image Processing (45,63)	Advanced Digital Signal Processing (M4601)	Digital Image and Video Processing (M4602)	Elective-I DSP Architectures (M4603) Elective-I Statistical Signal Processing (M4604) Elective-I Cognitive Radio (M4605)	Elective-II Adaptive Signal Processing (M4606) Elective-II Coding Theory and Applications (M4608) Elective-II Computer Vision (M4501)	Research Methodology and IPR (M0109)

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BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p align="center">EEE</p> <p align="center">Power Systems/ Power System Control and Automation/ Electrical Power Engineering/Electrical Power Systems/Power System Engineering/PS &C/Advanced Power System (50)/Power Engineering & Energy Systems</p> <p align="center">(56,53,50,60,65,30,31)</p>	<p>Analysis of Power Electronics Converter (M4302)</p>	<p>Power System Operation and Control (M9901)</p>	<p>Elective-I Electrical Distribution Automation (M9904)</p> <p>Elective-I Power System Deregulation (M5601)</p> <p>Elective-I Renewable Energy Technologies (M4306)</p>	<p>Elective-II Advanced Power Systems Protection (M9905)</p> <p>Elective-II Power System Reliability (M5602)</p> <p>Elective-II HVDC Transmission (M6204)</p>	<p>Research Methodology and IPR (M0109)</p>
<p align="center">EEE</p> <p align="center">Power Electronics/ Power and Industrial Drives/ Power Electronics and Electrical Drives/ Power Electronics and Drives/ Electrical Machines and Drives/Power Electronics & Systems</p> <p align="center">(43,42,54,52,44,12)</p>	<p>Analysis of Power Electronic Converters (M4302)</p>	<p>Electrical Machines Modeling & Analysis (M4301)</p>	<p>Elective-I Power Quality and Custom Power Devices (M4304)</p> <p>Elective-I Programmable Logic Controllers and Applications (M4305)</p> <p>Elective-I Modern Control Theory (M4303)</p>	<p>Elective-II Renewable Energy Technologies (M4306)</p> <p>Elective-II HVDC Transmission and Flexible AC Transmission Systems (M4307)</p> <p>Elective-II Artificial Intelligence Techniques (M6203)</p>	<p>Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
<p style="text-align: center;">EEE Power Electronics & Power Systems (99)</p>	<p style="text-align: center;">Analysis of Power Electronic Converters (M4302)</p>	<p style="text-align: center;">Power System Operation & Control (M9901)</p>	<p style="text-align: center;">Elective-I Power Quality (M4304)</p> <p style="text-align: center;">Elective-I Control & Integration of Renewable Energy Systems (M9902)</p> <p style="text-align: center;">Elective-I Advanced Digital Signal Processing (M9903)</p>	<p style="text-align: center;">Elective-II Electrical Distribution Automation (M9904)</p> <p style="text-align: center;">Elective-II Advanced Power System Protection (M9905)</p> <p style="text-align: center;">Elective-II HVDC Transmission (M6204)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>
<p style="text-align: center;">EEE High Voltage Engineering/ Power Systems with Emphasis on High Voltage Engineering (62,29)</p>	<p style="text-align: center;">Dielectric and Insulation Engineering (M6202)</p>	<p style="text-align: center;">Generation & Measurement of High Voltages (M6201)</p>	<p style="text-align: center;">Elective-I Breakdown Phenomenon in Electrical Insulation (M6205)</p> <p style="text-align: center;">Elective-I HVDC Transmission (M6204)</p> <p style="text-align: center;">Elective-I Artificial Intelligence Techniques (M6203)</p>	<p style="text-align: center;">Elective-II High Voltage Power Apparatus and Diagnostics (M6206)</p> <p style="text-align: center;">Elective-II Collision Phenomena in Plasma Science (M6207)</p> <p style="text-align: center;">Elective-II Advanced Electro Magnetic Fields (M6208)</p>	<p style="text-align: center;">Research Methodology and IPR (M0109)</p>

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)
EEE Control Systems/Control Engineering (95,28)	Advanced Control Theory (M9501)	Advanced Digital Control Systems (M9502)	Elective-I System and Parameter Identification (M9505) Elective-I Computer Controlled Systems (M9503) Elective-I Control of Special Machines (M9504)	Elective-II Stochastic Estimation and Control (M9508) Elective-II Optimization Techniques (M9506) Elective-II Micro controllers and Applications (M9507)	Research Methodology and IPR (M0109)
EEE High Voltage Power Systems Engineering (64)	Dielectric and Insulation Engineering (M6202)	Generation & Measurement of High Voltages (M6201)	Elective-I Breakdown Phenomenon in Electrical Insulation (M6205) Elective-I HVDC Transmission (M6204) Elective-I Artificial Intelligence Techniques (M6203)	Elective-II High Voltage Power Apparatus and Diagnostics (M6206) Elective-II Collision Phenomena in Plasma Science (M6207) Elective-II Advanced Electro Magnetic Fields (M6208)	Research Methodology and IPR (M0109)

- NOTE: (i) If Government declares holiday on any of the above dates, the examinations will be conducted as usual
(ii) Any omissions or clashes in this Time Table may please be informed to the Controller of Examinations immediately.
(iii) The Principals are requested to inform the University, if any other substitute subjects that are not included in the above time table immediately

Date: 07-01-2020


Controller of Examinations

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
UNIVERSITY EXAMINATION CENTER, KAKINADA**

M. TECH I SEMESTER (R19 REGULATION) II MID EXAMINATIONS - JANUARY, 2020

T I M E T A B L E

TIME: 10:00 AM TO 12:00 NOON

BRANCH & SPECIALIZATION	20.01.2020 (Monday)	21.01.2020 (Tuesday)	22.01.2020 (Wednesday)	23.01.2020 (Thursday)	24.01.2020 (Friday)	25.01.2020 (Saturday)	27.01.2020 (Monday)
Petroleum Engineering (08)	Offshore Drilling (M0801)	Fundamentals of Petroleum Geology and Reservoir Engineering (M0802)	Elective-I Coal Bed Methane Engineering & Shale Gas Engineering (M0806) Elective-I Advanced Numerical Methods and Applied Statistics.(Elective-I) (M0805)	Elective-II Transportation of Oil and Gas (M0807) Elective-II Advanced Well Logging techniques & Well Testing Analysis (M0808)	Research Methodology and IPR (M0109)	Reservoir Stimulation (M0803)	Petroleum well Drilling and Production Engineering (M0804)

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Controller of Examinations